

Position Description

Senior Research Fellow/ Associate Professor

Position Number: 00036784
Position Title: Senior Research Fellow/ Associate Professor
Date Written: 13 July 2018

Faculty / Division: Medicine
School / Unit: Prince of Wales Clinical School
Position Level: C/D

ORGANISATIONAL ENVIRONMENT

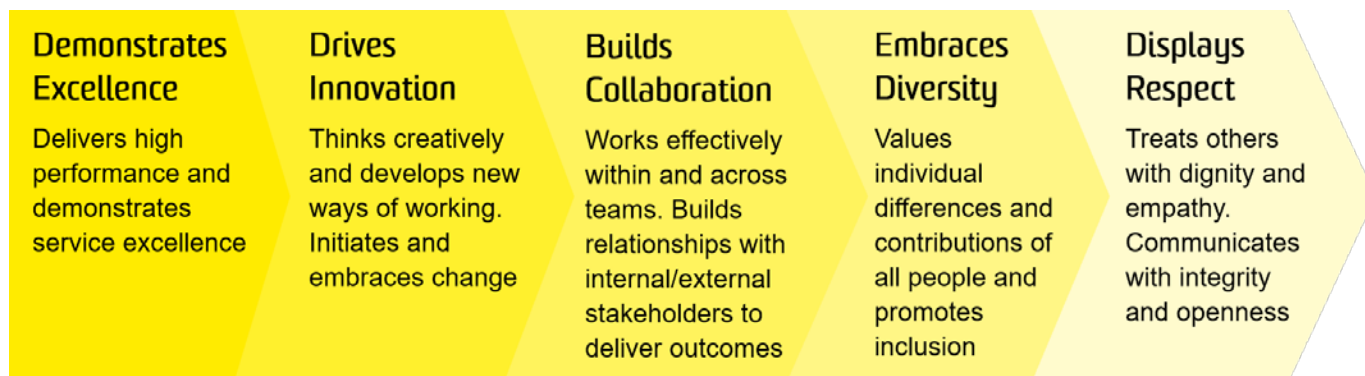
UNSW is currently implementing a ten-year strategy to 2025 and our ambition for the next decade is nothing less than to establish UNSW as Australia's global university. We aspire to this in the belief that a great university, which is a global leader in discovery, innovation, impact, education and thought leadership, can make an enormous difference to the lives of people in Australia and around the world.

Following extensive consultation in 2015, we identified three strategic priority areas. Firstly, a drive for academic excellence in research and education. Universities are often classified as 'research intensive' or 'teaching intensive'. UNSW is proud to be an exemplar of both. We are amongst a limited group of universities worldwide capable of delivering research excellence alongside the highest quality education on a large scale. Secondly, a passion for social engagement, which improves lives through advancing equality, diversity, open debate and economic progress. Thirdly, a commitment to achieving global impact through sharing our capability in research and education in the highest quality partnerships with institutions in both developed and emerging societies. We regard the interplay of academic excellence, social engagement and global impact as the hallmarks of a great forward-looking 21st century university.

To achieve this ambition, we are attracting the very best academic and professional staff to play leadership roles in our organisation.

UNSW VALUES IN ACTION

UNSW recognises the role of employees in driving a high-performance culture. The behavioural expectations for UNSW are below.



OVERVIEW OF RELEVANT AREA AND POSITION SUMMARY

UNSW Medicine is a national leader in learning, teaching and research, with close affiliations to a number of Australia's finest hospitals, research institutes and health care organisations. With a strong presence at UNSW Kensington campus, the faculty have staff and students in teaching hospitals in Sydney as well as regional and rural areas of NSW including Albury/Wodonga, Wagga Wagga, Coffs Harbour and Port Macquarie.

The Prince of Wales Clinical School occupies the Edmund Blacket and Clinical Sciences buildings at the Prince of Wales Hospital and the nearby Lowy Cancer Research Centre at UNSW. Through its presence as part of the Biomedical precinct at UNSW Australia, the Prince of Wales Clinical School can fully support virtually all contemporary forms of biomedical research.

The Senior Research Fellow / Associate Professor will conduct high-quality independent research on projects focused on bioinformatics related to cancer genomics and computational biology.

The Associate Professor would additionally have prior experience leading a research team with demonstrated capacity for independent high-quality research.

They will also participate in the strategic development of linkages with leading research institutions in Australia and overseas and support collaborative research in the Adult Cancer Program (ACP) in UNSW Medicine, principally involving researchers in the Prince of Wales Clinical School, the School of Medical Sciences and the School of Women's and Children's Health.

The role reports to the Head of School, liaising with the ACP Director on operational matters.

RESPONSIBILITIES

Specific responsibilities for this role include:

Level C

- Lead research in the area of bioinformatics and engage with other ACP researchers to design, plan and implement research projects, assisting, advising and facilitating stakeholders in the translation of cancer research into the clinic.
- Produce high quality research relevant to bioinformatics, publishing in high impact journals and presenting findings at major international conferences
- Contribute to the School's research programs, as evidenced by attracting research funding streams through competitive funding schemes
- Establish and build relationships and research collaborations with Prince of Wales Clinical School, School of Medical Sciences, School of Women's and Children's Health and UNSW cancer metabolism Clinicians/Researchers
- Contribute to undergraduate teaching through Honours/ ILP supervision, including occasional lecturing in medicine or medical sciences
- Provide supervision and contribute to the effective mentoring and successful completions of PhD students.
- Ensure hazards and risks are identified and controlled for tasks, projects and activities that pose a health and safety risk.

Level D (in addition to Level C above)

- Identify and attract national and international research support, including Fellowships, project and/or program grants, and major infrastructure grants.
- Design and implement initiatives to engage with end users of data sets in UNSW Medicine
- Provide research and career guidance to early career researchers in the Adult Cancer Program, Lowy Cancer Research Centre.
- Ensure hazards and risks are identified and controlled for tasks, projects and activities that pose a health and safety risk.

SELECTION CRITERIA

Level C

- PhD in a biomedical science discipline
- Outstanding performance in research in a field relevant to the research focus of this position, as recognised by publications in relevant journals
- Demonstrated ability in the development of funding applications
- Excellent communication skills including development and presentation of data reports and scientific publications
- Excellent skills and experience in managing and analysing large complex data collections using advanced statistical methods
- Interest or experience in undergraduate education, including developing course material to integrate bioinformatics into the undergraduate curriculum for medical and medical science students
- Willingness to supervise honours/ILP and postgraduate research students
- Ability and capacity to implement required UNSW health and safety policies and procedures.

Level D (in addition to Level C above)

- Recognised research leader with an established international profile and outstanding research record as evidenced by capacity to attract category 1 funding research funding, publications in top tier journals and successful higher degree supervision
- Proven experience in developing institutional links and collaborative research programs;
- Demonstrated experience in successful supervision of undergraduate and postgraduate students and a willingness to mentor postdoctoral fellows.

PRE-EMPLOYMENT CHECK

- Qualifications verification

It is not the intention of the position description to limit the scope or accountabilities of the position but to highlight the most important aspects of the position. The aspects mentioned above may be altered in accordance with the changing requirements of the role.